

# Annual Influent / Effluent Testing 10/19 - 20/2021

Parameter	WQ Standard mg/l	Inhibition Value mg/L	Influent mg/L	Effluent mg/L
BOD			140	12
COD			127	204
TSS			48	8.7
Nitrate			<0.02	7.36
Nitrite			0.049	0.486
TKN (T)			24	18.5
Ammonia			18.9	9.98
Sulfate			14.8	18.9
Sulfide			0.69	<0.05
Phosphorus			2.31	3.34
Oil & Grease			18	1.9
Cyanide	0.0052	0.1	<0.01	<0.01
Aluminum	0.087		0.252	0.015
Antimony			<0.003	<0.003
Arsenic	0.15	0.1	<0.002	<0.002
Boron			0.16	0.18
Barium			0.051	0.021
Beryllium			<0.001	<0.001
Cadmium	0.0072	1	<0.001	<0.001
Chromium		1	0.002	0.001
Chromium +6	0.011	1	<0.01	<0.01
Copper		1	0.058	0.003
Lead	0.0025	0.1	0.003	<0.001
Mercury	0.00077	0.1	<0.0002	<0.0002
Molybdenum			<0.003	<0.003
Nickel	0.052		0.002	0.002
Selenium			<0.005	<0.005
Silver		0.25	<0.001	<0.001
Titanium			0.02	<0.01
Thallium			<0.0005	<0.0005
Zinc	0.12	0.3	0.071	0.042
Hardness (CaCO <sub>3</sub> )			76.2	74.1
			ug/l	ug/L
Total Phenolics			Requested but Not Tested	Requested but Not Tested
Total VOC's - 624			Chloroform @ 1.3, Toluene 2.1, 3 parameters BDL @ <5.0, All Others BDL @ <1.0 (highest RDL)	Toluene 0.32, 3 parameters BDL @ <5.0, All others BDL @ <1.0
Total SVOC's - 625			All BDL @ <47.0	All BDL @ < 4.8
Total Pest/PCB's - 608				
(Pesticides)			All BDL @ < 0.19	All BDL @ < 0.19
(PCB's)	0.014		All < 0.048	All BDL @ < 0.049

Inhibition Values (for secondary treatment plants) per EPA Guidance Manual on the Development and Implementation of Local Discharge Limitations under the Pretreatment Program (1987).

WQ Standard (CCC): Criteria Continuous Concentration (chronic criteria) per EPA's Quality Criteria for Water (1986) and subsequent quality criteria published by EPA.